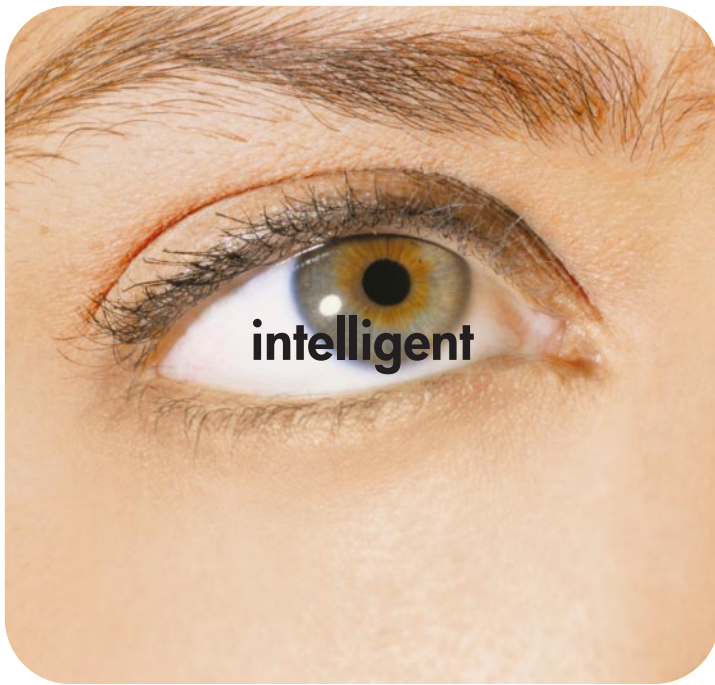action

hp photosmart 618 digital camera

the high-performance
point-and-shoot digital camera
with enhanced features

hp

i n v e n t

intelligent

superior colours and excellent detail
- HP Imaging Technology delivers fine details even in 13 x 18 cm photographs
- vivid yet natural colours with 2.11 megapixels and 30 bits A/D
- excellent results even in difficult lighting conditions

high performance coupled with creativity
- Pentax® power lenses with 3x optical zoom
- complete image control with aperture priority, shutter speed priority and three metering modes
- outstanding performance with minimal shutter delay, continuous shooting mode and fast shot-to-shot performance
- capture close-up, action, portrait, and landscape shots with automatic program modes
- continuous shooting mode means you never miss a shot
- remote shutter control for long exposures and self-portraits (remote control included)

cool features for fun with outstanding results
- capture sound and play it back on camera, PC or TV
- view your photos instantly with bright 2" LCD
- download your photos quickly and easily with USB
- auto flash adjusts for all light conditions and red-eye reduction
- selectable quality settings to match your needs – from email to enlargements
- infrared connectivity for instant digital photographs

An innovative, compact, quality digital camera, the HP Photosmart 618 lets you capture the action as it happens. Its high performance, combined with the breakthrough HP Imaging Technology and Pentax® lenses deliver excellent results even under difficult lighting conditions. Packed with cool features the HP Photosmart 618 will bring out your creativity to the full.
And with HP's Photo Imaging software, downloading, sharing and emailing your photographs takes just a few mouse clicks.

flexible

hp imaging technology

a custom photo lab in your digital camera
50 engineering years and 9 new patents have gone into HP Imaging Technology - an amazing new technology that is designed to deliver outstanding image quality for every picture taken, every time. Pictures produced using HP Imaging Technology preserve the details in highlights and shadows, and capture natural colours and skin tones even in difficult lighting conditions.

intelligent and precise as the human eye
Unlike other digital cameras that use a one-size-fits-all solution, HP Imaging Technology works like an experienced photographic technician in a professional photolab, treating every picture individually – similar to the way the human brain processes the information that the eye sees. This technique involves very complex calculations requiring HP's custom ASIC to run over 200,000,000 operations per image in a fraction of a second.

sharp, detailed pictures with smaller file sizes
HP's new technique produces sharp, detailed pictures from fewer pixels, bringing down the cost of cameras for a given level of picture quality. It also allows for smaller image files, packing more high-quality images into the same memory card.
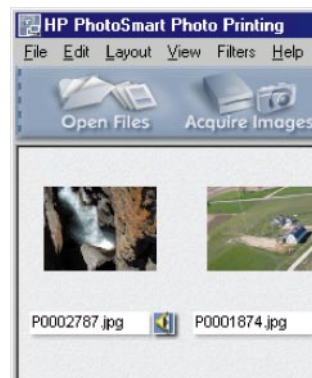
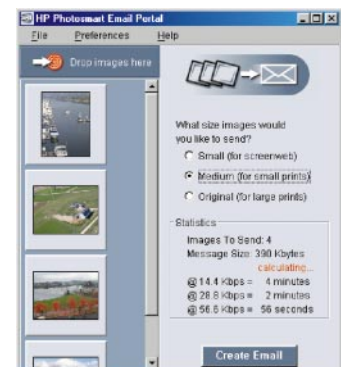with **hp** imaging technology   without **hp** imaging technology

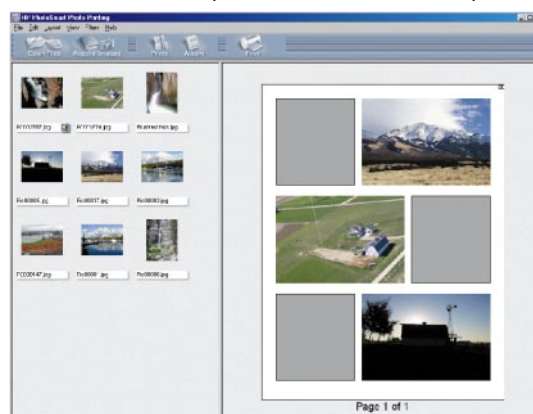downloading your photos is as easy as "loading a film" in your digital camera

email portal automatically resizes and compresses images for faster email transfer, then creates a file and attaches it to your email

view thumbnails of your photos and play audio messages

create electronic photo albums in a snap

hp photosmart 618 digital camera

technical specifications

hp imaging technology	custom ASIC for higher performance image processing image processing at 220,000,000 operations per image in less than ¹/₂ second, excellent enlargements at 13 x 18 cm
resolution	1600 x 1200 pixels (full) and 800 x 600 pixels (1/4)
sensor	2.11 megapixel, CCD
colour depth	30-bit (10 bits x 3 colours)

memory

resolution	JPEG quality level			TIFF
	good	better	best	
1600 x 1200	56	29	15	2
800 x 600	165	101	57	10

16 MB CompactFlash™, Type I or Type II, power level 0, supplied with camera

lens	Pentax® power zoom (9 elements in 8 groups, 2 aspherical elements) f/2.4 – f/4.0
zoom	3x optical, 2x digital zoom 5.2 mm – 16.5 mm 34 – 108 mm (35 mm equivalent) digital zoom: shooting 1.2/1.5/2x, playback 2x
exposure control	program AE (auto), aperture priority, shutter priority
exposure compensation	+/- 2.0 EV in ¹/₂ steps
shutter speed	1/1000 to 4 seconds
picture modes	fully automatic with three picture modes: portrait, action and landscape
shooting modes	single-shot, continuous and time lapse
focus	TTL contrast detection auto focus normal: 0.5 cm (1.64 ft) to infinity, macro: 0.1 cm (0.33 ft) to infinity, manual focus from 0.1 m (0.33 ft) to infinity infinity focus options
sensitivity	auto, fixed (equivalent to ISO 100 or 200)
metering	TTL metering w/choice of average, center-weighted or spot
white balance	auto, daylight, tungsten and fluorescent
colour control	colour, black & white, and sepia
self timer	10 second delay infrared remote control shutter release (included)
viewfinder	separate zooming optical viewfinder with diopter adjustment
flash	built in flash flash modes: auto, auto with red-eye, forced on, forced on with red-eye and forced off effective range: 0.3 m (0.98 ft) – 5.4 m (18 ft) at 5.2 mm 0.3 m (0.98 ft) – 3.7 m (12 ft) at 16.5 mm
sound capture	sound capture and playback with 45 seconds of recording per image
LCD	2" (5 cm) low temperature poly-silicon TFT colour LCD with 130,338 pixels, adjustable brightness control, thumbnail or full screen views, custom slide shows
image control functions	send images via Fast IrDA to select printers and cameras, delete, protect, group and categorize, watermark photos with date, time, text or logo
power	4 AA batteries (included) or optional AC adapter
interfaces	USB to PC and Mac, Fast IrDA with Jetsend and Digita™ protocols, NTSC/PAL TV connect, orientation sensor for automatic image rotation on TV, computers and cameras
minimum host requirements	**PC:** 166 MHz Pentium or equivalent, 32 MB RAM*, 150 MB free disk space, 800 x 600, 16-bit colour display, CD-ROM, USB Interface*, Microsoft® Windows® 98, Me, NT 4.0* or 2000 Professional **Mac:** 233 MHz PowerPC, 64 MB RAM, 150 MB free disk space, 800 x 600, 16-bit colour display, CD-ROM drive, USB interface, OS 8.6 or higher
camera operating system	Flashpoint Digita™
dimensions	127.5 x 71.5 x 56.5 mm (5 x 2.8 x 2.2 in) (w x h x d)
weight (without batteries)	300 g without batteries and CompactFlash card (10.2 oz.)
warranty	1 year exchange warranty

ordering information

number	description
	standard unit
C6324A	**hp** photosmart 618 digital camera (includes shoulder strap, 16 MB CompactFlash™ memory card, 4 AA batteries, infrared remote control, USB cable, NTSC/PAL video/audio out cable, quick start guide and on-line help, accessory catalog, hp photo imaging software (PC only), Arcsoft PhotoImpression 2000, Arcsoft PhotoMontage 2000)
	optional accessories
C8877A	custom camera case
C8874A	AC adapter

Expand the possibilities of your HP Photosmart 618 digital camera with the HP Photosmart 1000/1215/1218 colour printers.

- wireless printing from digital cameras – no PC required
- ultimate photo quality on every media with HP Photoret III Precison Technology
- incredible speed up to 17 ppm in black and up to 13 ppm colour
- smart features like two-sided printing, job-cancel button and low-ink indicator save time and money
- fast download of digital photos to PC at the push of a button

via CompactFlash™ card

via infrared

available from hp's online stores only or contact your local supplier for alternative solutions

number	description
SDCFB16144	SAN DISK™ CompactFlash™ card 16 MB
SDCFB32144	SAN DISK™ CompactFlash™ card 32 MB
SDDR05	SAN DISK™ CompactFlash™ card reader (USB)
SDDR01	SAN DISK™ CompactFlash™ card reader (parallel)

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